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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: CC Docket No. 88-2

Dear Ms. Dortch:

Attached is the 2004 Verizon East Annual FCC Open Network Architecture (ONA) report, reflecting ONA implementations and future plans. Please let me know if you have any questions.

Sincerely,

Ann D. Berkowitz

Attachment.

cc: Janice Myles

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ATTACHMENT

A-1

(1) Submit a report of actual deployment of ONA Services on December 31, 2003, and the annual projected deployment schedules for ONA services on December 31, 2004, 2005 and 2006.

Verizon's deployment schedules appear in Appendix A.

3 Order at ¶ revised by Memorandum Opinion and Order on Reconsideration. 8 FCC Rcd 97, ¶ 18 (1993) ("Recon. Order)).

(2) New ONA service requests from ESPs and their disposition and disposition of ONA service requests that have previously been designated for further evaluation

Since the filing of the April 15, 2003 ONA Amendment, Verizon has received no new complete ONA service request from unaffiliated Enhanced Service Providers. The service requested, Inter-Switch Voice Messaging, an optional enhancement to Simplified Message Desk is currently being trailed in the various regions of Verizon. Inter-Switch Voice Messaging enables voice mail and call answering capabilities to be extended to Enhanced Service Provides' customers served by other (remote) switches in addition to those customers connected to a Host Switch with a voice messaging system.

[4] Order at ¶18.

(3) ONA service requests previously deemed technically infeasible, and their Disposition. [5]

The listing of ONA capabilities deemed technically infeasible and their disposition has remained unchanged from those that were reported in the April 15, 2003 ONA Amendment.

[5] *Id* at ¶19.

(4) Projected deployment of Common Channel Signaling System 7 ("SS7"), Integrated Services Digital Network ("ISDN") and Intelligent Network ("IN") capabilities.[6]

Information on projected deployment of these technologies and architectures appear in Appendix B.

[6] *Id* at ¶and n.44.

(5) New ONA services available through SS7, ISDN and IN, and plans to provide those services.[7]

Common Channel Signaling System 7 ("SS7")

The deployment of SS7 is ubiquitous in the Verizon region.

Integrated Services Digital Network ("ISDN")

Verizon continues to actively deploy ISDN technology throughout the footprint. As the demand for bandwidth increases, Verizon is committed to increasing the availability of ISDN throughout the region.

[7] *Id.* at ¶ 29.

Advanced Intelligent Network ("AIN")

Verizon continues to expand its AIN switch-based capabilities and has introduced various new AIN-based services since the 2002 filing. These include:

Internet Single Number Access ("ISNA") – Hub Hopping – an enhancement to the existing ISNA service offering and adds functionality that allows the network to automatically re-direct calls to an alternate modem pool if the primary modem pool is busy. This feature is transparent to end-users and provides for better customer service for the unaffiliated ISP's end-users during peak busy periods.

Network Call Diversion / Directory Assistance and Operator Blocking – were conceived to meet the requirements of Cellular Rentals and the member companies of the National Association of Alternative Local Exchange Carriers (NALA) which are prepaid resellers. This service allows Prepaid resellers to provide local telephone service to the "credit challenged" consumer on a prepaid basis. Network Call Diversion for Directory Assistance (NDD) provides for blocking of all calls placed by the end user to Directory Assistance using either 411, 555-1212, or local npa-555-1212 dialing.

Network Call Diversion / Local Usage Call Blocking – were conceived to meet the requirements of Cellular Rentals and the member companies of the National Association of Alternative Local Exchange Carriers (NALA). Prepaid resellers "provide local telephone service to the "credit challenged" consumer on a prepaid basis". Network Call Diversion for Local Usage Calling is a blocking service that restricts the usage of telephone service to the end user's flat rate calling area in the metropolitan / sub-urban areas of Philadelphia, Pittsburgh and Boston. In these areas, metro zone calling plans have been implemented within the "local" calling area.

Enhanced Government Emergency Telecommunications Service ("GETS"), Phase 2 –designed to provide authorized government employees with enhanced call routing and priority treatment in public voice networks for emergency conditions. GETS- LEC Phase I was deployed in 1998 in the fBA and fGTE areas and utilizes capabilities of the AIN 0.0 and 0.1 networks. The purpose of the Enhanced GETS – Phase II project is to provide a greater likelihood that callers using this special arrangement will complete their calls during periods when the telephone network is congested.

E911 Percent Routing – this service works in conjunction with the existing E911 service to allow call routing to both primary and secondary E911 tandems on an alternating basis using the Percentage Routing functionality of the AIN database.

Auto Corridor Service – provides large business customers of Verizon the ability to place calls on Verizon's network in the New York/New Jersey and Pennsylvania/New Jersey Corridor without the need to dial the Verizon carrier access code (for example, 1010 NJB, 1010 BPA, or 1010 NYT) before the dialed number.

InfoFone Service Phase 2 – offered in New York City to provide Automated Number Identification for Information Providers that provide live and recorded (both passive and interactive) programs on various subjects. Topics include, but are not limited to weather, lottery results, sports scores, horoscopes, and adult entertainment.

CallMAX Preview – provides the ability to flexibly and efficiently screen, prioritize, and route incoming calls. Subscribers have the ability to activate one of four previewing modes enabling all calls to be offered to their telephone or only those they consider priority calls. The user may also activate previewing that will block all calls when they are busy on the telephone or only those that the user consider non-priority callers. The CallMAX Preview subscriber can administer screening list entries, the on/off status and PIN from the Verizon Desktop. All screening and busy screening capabilities can also be managed remotely from a PC.

CallMAX Locator – enables users of CallMAX to have their incoming calls "follow them" whether they are at work, home, or on the road. Incoming calls to the Locator subscriber are automatically answered by the service. The calling party hears; a custom announcement recorded by the subscriber and the service attempts to complete the call to a list of up to 5 telephone numbers. Locator checks the busy/answer/no answer status of each telephone number (Location) on the list, sequentially. Each Locator subscriber may have up to 3 Profiles. Only one Profile is active at a time and selected by the subscriber. The Profile information is accessed from the CallMax desktop via an icon for CallMax Locator services, and populated and maintained by the subscriber via the Internet

CallMAX Cellular ("CMC") is part of a package of features provided via AIN and switch capabilities that is being marketed to Centrex customers. CMC provides call forwarding from the CallMAX desktop line to a cellular line. The feature is activated from the subscriber's cell phone by calling the desktop and verbally requesting, "Cellular on."

MegaForward – service was deployed for residents in the September 11th Attack areas of Verizon. MegaForward Service enables customers to change/activate forwarding of incoming calls remotely from any location by dialing into an AIN DTMF Intelligent Peripheral with Interactive Voice Response capabilities. MegaForward Service may be activated from any touch-tone telephone. MegaForward Service is currently being utilized by end.

CLEC (Competitive Local Exchange Carrier) Customized Routing Services – Continued enhancements to the CLEC Customized Routing Service were implemented during 2001 in response to changes in the regulatory landscape and new issues brought forward during further deployment of the initial service. This new service application provides both the capabilities to meet CLEC requirements for custom routing of local, Directory Assistance and Operator dialed calls from CLEC UNE lines, and generates the detailed usage records CLECs need for billing.

Custom Redirect Service - Provides customers the ability to redirect incoming calls as needed, without a service order, to one or more other telephone numbers. The calls may be redirected at the customer's request (disaster recovery), at all times (similar to remote call forwarding) or on a time-of-day or percentage basis.

(6) Progress on activities within the IILC relating to implementation of service-specific and long-term uniformity.[8]

At the moment, no issues have been submitted by Enhanced Service Providers for resolution.

[8] Order at ¶ 33.

(7) Progress in providing billing information, including billing name and address ("BNA"), line-side calling number identification ("CNI"), or possible CNI alternatives, and call detail services to ESPs.[9]

Verizon currently provides a wide range of services to facilitate ESP billing and has satisfied ESP requests for those services, as shown in prior annual amendments. Participation in industry forums and support of industry initiatives to develop new billing services will continue.

[9] *Id.* at ¶ 14.

(8) Progress in developing and implementing operations support services ("OSSs") and ESP access to those services.[10]

As outlined in prior amendments, Verizon has deployed a multitude of OSS access capabilities for ESPs offering a wide variety of functions and capabilities covering provisioning, repair, maintenance, billing, and account inquiry. Verizon will continue to enhance existing OSS access systems and develop new access systems to meet identified ESP requirements.

[10] Order at ¶ 47.

(9) Progress on the uniform provision of OSSs.[11]

Verizon continues to support industry efforts to develop uniform OSS standards. It is Verizon's practice to use standard interfaces whenever practicable.

[11] *Id.* at ¶ 29.

(10) BSEs used in the provision of Verizon's own enhanced services.[12]

The BSEs Verizon currently uses to provide its enhanced services are:

800 Access Service
Access to Customer Premises Announcement
Alternate Routing
Answer Supervision with a Line Side Interface
Automatic Number Identification
Automatic Protection Switching
Bridging
Call Redirection
Charge number
Closed User Groups
Conditioning
Custom Calling Services
Direct Inward Dialing and Trunk Queuing
Fast Select Acceptance
High-Capacity Digital Hand-off Service
Hunting Service Arrangements
Hunting Service Arrangements - Circular
Hunting Service Arrangements - Preferred
Internet Protocol Routing Service
Line Hunting Service
Loop Diversity
Make Busy Arrangements
Message Desk (SMDI)
Messaging Services Interface
Monthly Detailed Connection Files
Multiple Channel/Line Hunt Groups
Multiple Network Addresses (Packet)
Multiplexing Digital
Network Reconfiguration
Non-Hunt Directory Numbers
One Number Service
Premier Messaging Services Interface
Reconfiguration Service
Reverse Charge Acceptance
Ring Count Change Interface
Route Diversity
RPOA Preselection
Secondary Channel Capability
Single Number Service
Three Way Calling/Three Way Call Transfer
Traffic Data Reports
Uniform Call Distribution and Queuing
Warm Line

[12] *Id.* at ¶ 61.